



Maritime &  
Coastguard  
Agency

UK Approved Body Authorised  
by the MCA

Certificate number: 75202/A1 UK

File number: \_\_\_\_\_

Item number: UK/1.2c

*This certificate is not valid when  
presented without the full attached  
schedule composed of 7 sections*

Approved Body 8517 - UNITED KINGDOM MARINE EQUIPMENT APPROVAL

## UK TYPE-EXAMINATION (MODULE B) CERTIFICATE

*This is to certify that Bureau Veritas SA UK Branch Office did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, subject to any conditions in the schedule attached hereto.*

*This certificate is issued to:*

**LALIZAS HELLAS S.A.**

3, Gounari str., 18531, Piraeus,, GREECE

*for the type of product*

**POSITION-INDICATING LIGHTS FOR LIFEJACKETS**

Safelite IV

(Code 72349)

### Requirements:

SOLAS 74 Convention, as amended, Regulations III/4, III/7, III/22, III/26, III/32, III/34, X/3

IMO Res. MSC.48(66) -(LSA Code)- amended by MSC.207(81), MSC.218(82), MSC.272(85), MSC.293(87), MSC.320(89), MSC.368(93), MSC.425(98), MSC.459(101) and MSC.485(103) I, II

IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 8

IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 8

IMO Res. MSC.81(70) amended by MSC.200(80), MSC.226(82), MSC.274(85), MSC.295(87), MSC.321(89), MSC.323(89), MSC.378(93), MSC.427(98), MSC.472(101) and MSC.488(103)

IEC 60945:2002 incl. IEC 60945 Corr.1:2008

ISO 24408:2005

IMO MSC.1/Circ.1628 Rev. 1

*The attached (schedule of approval) forms part of this certificate.*

*This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.*

**This certificate will expire on: 16 May 2029**

**Issued by Bureau Veritas SA UK Branch Office**

**(Approved Body 8517)**

At BV PIRAEUS, on 22 Nov 2024,

Spyros KONTOULIS

***This certificate was created electronically and is valid without signature***



*Note 1: This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.*

*Note 2: During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.*

*Note 3: "The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body."*

*Note 4: In case limitations of use apply, these should be indicated in the Annex.*

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site [www.veristar.com](http://www.veristar.com). Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

## THE SCHEDULE OF APPROVAL

### 1. PRODUCT DESCRIPTION:

<b>Trademark</b>	LALIZAS
<b>Type</b>	SAFELITE IV

<b>Main body Dimension</b>	<b>Weight</b>	<b>Battery</b>	<b>Activation</b>	<b>Light type</b>
37.5*21*23.4mm	20 g	Lithium	Water/Manual	Flashing

Additional Certificates: Variant Code 72353 - Lalizas lifejacket LED flashing light "SAFELITE IV" ON-OFF water activated.

<b>EU Type Examination Certificate</b>	FTZU 24 ATEX 0049 according to directive 2014/34/EU dated 21.10.2024 for marking: Ex II 1G Ex ia op is IIB T4 Ga
<b>IECEx Certificate of conformity:</b>	IECEx FTZU 24.0015 dated 2024.10.21

As indicated in the technical documentation submitted by the Applicant.

### 2. DOCUMENTS AND DRAWINGS:

- Technical Folder

Number	Title	Version	Date
72349	SAFELITE IV - 72349	D	14/03/2018
---	The capacity changes of FORTE lithium Manganese cell after 10 Years	A	08/12/2023
72348&72349&72350	Description of the electrical short protection	A	06/03/2018

- Technical Drawings

Number	Title	Version	Date
7234900	Safelite IV	A	14/03/2018
7234901	Cover-72349	A	14/03/2018
7234902	Base-72349	A	14/03/2018
7234903	Buckle-72349	A	14/03/2018
7234804	Seal foam	B	13/03/2018
7234905	PCB-72349	D	14/03/2018
7234906	CR2-Battery	A	14/03/2018

- Markings & Manual(s) for installation use and maintenance:

Number	Title	Version	Date
7234907	72349 (MED Marking)	E	21/12/2023
	Instructions	0	14/12/2023

No departure from these documents is permitted without the prior consent of the Society.

### 3. TEST REPORTS:

#### TYPE TESTS

Number	Title	Revision	Date
117-323-081_B	Chromaticity Test	---	16/06/2017
118-323-006	Luminous Intensity Test	---	24/01/2018
117-22230.B	Type Test	---	16/03/2018
123-323-154	Luminous Intensity Test Linked to test reports 117-323-117_A rev.1	---	16/11/2023
123-323-154	Luminous Intensity Test Linked to test reports 117-22230.a rev1 / 117-22230.B / 117-323-117_A rev.1 / 117-323-117_B	Rev.1	30/11/2023
---	ISO 24408 2005 Compliance for Lifejacket Lights	Rev.1	12/01/2023
CL/PCLB2/8/2024	Drop Test	Edition 1	26/02/2024

**4. APPLICATION / LIMITATION:**

- The scope of the appraisal made by Bureau Veritas to issue this certificate is strictly restricted to the relevant requirements stated on the front page of this certificate.
- Each position indicating light shall be supplied with its instructions for use, inspections and on-board maintenance complying with the regulations stated on the front page of this certificate.
- The equipment shall be replaced prior the date of expiry which is marked on the signal casing.
- The certificate is limited to the flashing light mode only. No compliance of the light in its steady mode has been demonstrated.

**5. PRODUCTION SURVEY REQUIREMENTS:**

5.1 - This certificate alone does not allow the applicant to issue the UK Declaration of Conformity and to affix the mark of conformity (United Kingdom conformity mark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, is to be complied with and controlled by a written inspection agreement with an Approved Body.

5.2 - The manufacturer shall institute a quality control procedure to ensure that position-indicating lights are produced to the same standard as the approved prototype and shall keep records of any production tests carried out.

5.3 - Each position indicating Light intended to be fitted onboard a United Kingdom ship shall be delivered with a United Kingdom Declaration of Conformity.

5.4 - Each equipment, or batch of equipment, is to be supplied with its Manual(s) for installation, use and maintenance.

5.5 - For information concerning the production phase modules, **LALIZAS HELLAS S.A.** has declared the following manufacturing site(s):

**Xiamen Marine Industries CO.,Ltd.**

N° 100, Jingquan Road, Jimei Northern Industrial Area,  
Xiamen, Fujian, 361021, China

**6. MARKING OF PRODUCT:**

The position-indicating light shall be permanently and legibly marked with:

- Approval information : 75202/A0 UK (BV TAC number),
- Any operational restrictions,
- Date of Expiry,
- Precise definition of intended use (e.g. "Position Indicating Light for lifejacket"),
- Batch number,
- Identification of the Manufacturer,
- Easy understandable symbols for on/off switching,
- Model Designation, and
- Information on proper battery disposal by the words "DO NOT INCINERATE/DO NOT RECHARGE/DO NOT TAMPER".

Reference is made to the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, Part3:

In particular Article 15.3 specifies that the United Kingdom conformity mark shall be followed by the identification number of the Approved Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

**7. OTHERS:**

It is **LALIZAS HELLAS S.A.**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

This certificate supersedes UK Type-Examination Certificate No 75202/A0 UK, issued on 16/05/2024 by the Society.

\*\*\* END OF CERTIFICATE \*\*\*